## IAP11 Rec'd PCT/PTO 25 JUL 2006

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : Confirmation No.

Applicant : James Edward Haines

Filed

PCT No. : PCT/EP04/000612 IFD : January 26, 2004

TC/A.U. : Examiner :

Docket No. : 06-397 Customer No. : 34704

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313

## INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance Applicants' duty of disclosure, the following documents are brought to the Examiner's attention:

EP Patent No. 0,938,141A

A. MEULENBERG: "Overview, Testing and Solutions to ESD-induced, Solar-array String, On-orbit Failures" PROGRESS IN PHOTOVOLTAICS RESEARCH AND APPLICATIONS, [Online] vol. 8, 16 June 2000, pages 315-321

U.S. Patent No. 6,181,115 B1

A listing on Forms PCT/SB/08A and PCT/SB/08B is enclosed along with a copy of the non-U.S. documents.

The undersigned submits the above-identified references for independent consideration by the Examiner and does not make any admission that these references are or are not material to the present invention or that these references are or are not prior art with respect to the present invention.

10/587388

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IDS dated July 10, 2006

Docket No.: 06-397

No fee is believed to be due as a result of this submission. Should the Commissioner determine that a fee is due, he is hereby authorized to charge said fee to Deposit Account No. 02-0184.

Respectfully submitted,

James Edward Haines

Barry L. Kelmachter

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Date: July 25, 2006

I, Karen M. Gill, hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail in an envelope addressed to: "Corpains in or Patents, P.O. Box 1450, Alexandria, VA 22313" on July 25, 2006.

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| INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT<br>(Use as many sheets as necessary) |                            |            | First Named Inventor   | James Edward Haines |  |  |
|   |                            |            | Art Unit               |                     |  |  |
|   |                            |            | Examiner Name          |                     |  |  |
| Sheet   | 1 of 2                     | 2          | Attorney Docket Number | 06-397              |  |  |

| Examiner  | Pages Columns Lines Miners                       |   |                                |  |   |
|-----------|--|---|--------------------------------|--|---|
| Initials* | Cite<br>No.1                                     | Document Number  Number-Kind Code <sup>2 (ff known)</sup> | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|           |  | <sup>US-</sup> 6,181,115                                  | 01-30-2001                     | James Edward Haines et al                          |   |
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| Examiner<br>Initials* | Cite<br>No.1 | Foreign Patent Document   | Publication Date MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>Or Relevant Figures Appear |                |
|                       |              | Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known) |                             |  |   | T <sup>6</sup> |
|                       |              | EP 0,938,141A   | 08-25-1999                  | C.F. Hoeber et al                                  |   |                |
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| Jubautu                           | 10 10 11 14 | H-3/F10           |                      | Application Number        |   |
| INF                               | ORMA        | TION DI           | SCLOSURE             | Filing Date               |   |
| STATEMENT BY APPLICANT            |             |                   | APPLICANT            | First Named Inventor      | James Edward Haines                         |
|                                   |             |                   |                      | Art Unit                  |   |
| (Use as many sheets as necessary) |             |                   | necessary)           | Examiner Name             |   |
| Sheet                             | 2           | of                | 2                    | Attorney Docket Number    | 06-397                                      |
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|                    |                          | A. MEULENBERG: "Overview, Testing and Solutions to ESD-induced, Solar-array String, On-orbit Failures" PROGRESS IN PHOTOVOLTAICS RESEARCH AND APPLICATIONS, [Online] vol. 8, 16 June 200, pages 315-321   |                |
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